

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	398/106-114.ccls. and comparator same (bias\$3 or offset\$4 or off-set\$4) same (reference or threshold) same (differen\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 15:55
L2	832	398/106-114.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 15:55
L3	5	398/106-114.ccls. and comparator same (bias\$3 or offset\$4 or off-set\$4) same (reference or threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:12
L4	0	nanopower near5 push-pull near5 comparator\$1.ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:13
L5	0	nanopower near5 push-pull near5 comparator\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:13
L6	43	(nanopower or push-pull) near5 comparator\$1.ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:10
L7	470	(ti or texas adj instrument\$1).as. and comparator\$1.ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:11
L8	74	(ti or texas adj instrument\$1).as. and comparator\$1.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:30

## EAST Search History

L9	43	8 and (bias\$3 or offset\$4 or off-set\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:11
L10	41	9 and @ad<="20030911"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:15
L11	24	((("3723966") or ("4376931") or ("4425096") or ("4578992") or ("4588978") or ("4717905") or ("5457447") or ("5479160") or ("5621412") or ("5638050") or ("5686891") or ("5939981") or ("6025783") or ("6147602") or ("6236674") or ("6294953") or ("6366202") or ("6461301") or ("20020013527") or ("20020081991") or ("20020094850") or ("20020190689") or ("20030104848") or ("6593845"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/18 17:16
L12	0	(ti or texas adj instrument\$1).as. and comparator\$1.ti. and monitor\$3 near5 batter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:31
L13	0	(ti or texas adj instrument\$1).as. and (comparator\$1 or comparing).ti. and monitor\$3 near5 batter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:43
L14	14	(ti or texas adj instrument\$1).as. and (comparator\$1).ti. and low adj power\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:33
L15	4	14 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:32

## EAST Search History

L16	4	(ti or texas adj instrument\$1).as. and (comparator\$1).ti. and (nanopower or push-pull)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:33
L17	3	16 not 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:34
L18	1	tlv3701 tlv3702 tlv3704	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 17:44

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	340/825.69.ccls. and (receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) near15 differen\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:17
L2	5	340/825.72.ccls. and (receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) near15 differen\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:36
L3	7	1 or 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:26
L4	3	340/539.1,539.32.ccls. and (receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) near15 differen\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:34
L5	3423	(receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) near15 differen\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:34
L6	1060	(receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) near25 (comparing or comparator or compare\$1) near15 differen\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:35
L7	819	6 and @ad<="20030911"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:35
L8	154	7 and (convert\$4 or conversion\$1 or "A/D") same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) near15 differen\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:37

## EAST Search History

L9	156	7 and (convert\$4 or conversion\$1 or "A/D" or rectify\$3 or recitificat\$4) same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) near15 differen\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:37
L10	95	7 and (convert\$4 or conversion\$1 or "A/D" or rectify\$3 or recitificat\$4) same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) near15 differen\$5 same (reference\$1 or threshold or exceed\$3 or more)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:38
L11	95	10 not 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:38
L12	33	11 and (radio or rf)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 11:38
S1	0	340/825.72.ccls. and (receiv\$3 or transceiv\$4).ti,ab. and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 15:24
S2	5	340/825.72.ccls. and (receiv\$3 or transceiv\$4).ti,ab. and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:23
S3	4	(340/825.72.ccls. or 455/227,232.1, 254,311,334,337,343.1,355.ccls.) and (330/119,129,96.ccls. or 329/347.ccls. ) and (receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:35

## EAST Search History

S4	3	(340/825.72.ccls. or 455/227,232.1, 254,311,334,337,343.1,355.ccls.) and (330/119,129,96.ccls. or 329/347.ccls.) and (receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) not S2 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:23
S5	27912	(receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) not S2 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:23
S6	27909	S5 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:23
S7	13219	(receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4) not S2 not S3 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:24
S8	1995	(receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) near25 (comparing or comparator or compare\$1) near30 (referenc\$3 or threshold\$4 or exceed\$4) not S2 not S3 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:53
S9	399	(receiv\$3 or transceiv\$4).ti,ab. same (bias\$3 or offset\$4 or off-set\$4) near25 (comparing or comparator or compare\$1) near30 (referenc\$3 or threshold\$4 or exceed\$4) not S2 not S3 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:25
S10	37	S9 and ("340"/\$.ccls. or "330"/\$.ccls. or "455"/\$.ccls. or "329"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:44
S11	320	S8 and ("340"/\$.ccls. or "330"/\$.ccls. or "455"/\$.ccls. or "329"/\$.ccls.) not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:35

## EAST Search History

S12	320	S11 not S2 not S3 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 16:45
S13	1	(receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) near25 (comparing or comparator or compare\$1) near30 (referenc\$3 or threshold\$4 or exceed\$4) same lower near3 power\$3 near5 comparator not S2 not S3 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:27
S14	1	(receiv\$3 or transceiv\$4) same (bias\$3 or offset\$4 or off-set\$4) near25 (comparing or comparator or compare\$1) near30 (referenc\$3 or threshold\$4 or exceed\$4) same lower near3 power\$3 near5 comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:28
S15	2	(receiv\$3 or transceiv\$4).ti,ab. and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4) same lower near3 power\$3 near5 comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:30
S16	4	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4) same lower near3 power\$3 near5 comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:32
S17	30	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4) and lower near3 power\$3 near5 comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:32
S18	186	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4) and low near3 power\$3 near5 comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:33
S19	177	S18 and @ad<="20030911"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:33

## EAST Search History

S20	44	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4) same low near3 power\$3 near5 comparator and S19 not S2 not S3 not S13 not S15 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:39
S21	44	S20 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:16
S22	0	(340/825.72.ccls. or 455/227,232.1, 254,311,334,337,343.1,355.ccls. or 330/119,129,96.ccls. or 329/347.ccls.) and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:35
S23	6	S21 and ("340"/\$.ccls. or "330"/\$.ccls. or "455"/\$.ccls. or "329"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 17:36
S24	1	("5,506,527").PN.	USPAT	OR	OFF	2006/04/17 18:16
S25	9	("5272395"   "5325335"   "5455816"   "5621340"   "5668486"   "5872467"   "6046612"   "6060912"   "6144231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/17 18:19
S26	20	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4 or difference) and low near3 power\$3 near5 comparator.ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:39
S27	34	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing or comparator or compare\$1) same (referenc\$3 or threshold\$4 or exceed\$4 or difference) and low near3 power\$3 near5 comparator.ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:52
S28	13	S27 not S26 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:40



## EAST Search History

S29	15681	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparing near3 circuit\$3 or comparator or compare\$1 near3 (means or circuit\$3)) same (referenc\$3 or threshold\$4 or exceed\$4 or difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:16
S30	1316	amplifier\$1 near7 (no or none or don't or "not" or doesn't) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:54
S31	1012	amplifier\$1 near5 (no or none or don't or "not" or doesn't) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:54
S32	837	amplifier\$1 near4 (no or none or don't or "not" or doesn't) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:54
S33	824	amplifier\$1 near4 (no or don't or "not" or doesn't) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 18:55
S34	28	amplifier\$1 near4 (no or don't or "not" or doesn't) near3 (use or need or require) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:02
S35	518	amplifi\$ near3 without and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:03
S36	512	S35 not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:03

## EAST Search History

S37	98	S36 and comparator.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:04
S38	29	S36 and comparator same (offset\$4 or off-set\$4 or bias\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:05
S39	236	S29 and 327/50-56,72,90.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:15
S40	219	S29 and 327/50-52,56,72,90.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:21
S41	13915	(receiv\$3 or transceiv\$4) and (bias\$3 or offset\$4 or off-set\$4) same (comparator) same (referenc\$3 or threshold\$4 or exceed\$4 or difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:16
S42	199	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:16
S43	153	S42 and @ad<="20030911"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:17
S44	30	S43 and low near4 power\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:17

## EAST Search History

S45	36	S43 and (reduc\$3 or low) near4 power\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:18
S46	10	S43 and (reduc\$3 or low) near4 power\$3 near10 comparator\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:18
S47	1	S43 and 327/52.ccls. and 327/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:24
S48	2	(bias\$3 or offset\$4 or off-set\$4) and (receiv\$4) and 327/52.ccls. and 327/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 19:24